Name: _____ Date: _____

BLM 5.6.3

Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge of connections among the representations of the constant rate of change of a linear relation	• demonstrates some knowledge of connections among the representations of the constant rate of change of a linear relation	• demonstrates considerable knowledge of connections among the representations of the constant rate of change of a linear relation	• demonstrates a thorough knowledge of connections among the representations of the constant rate of change of a linear relation
Thinking	• uses planning and processing skills with limited effectiveness (e.g., tries to connect slope calculation with rate of change and *m* in equation)	• uses planning and processing skills with some effectiveness (e.g., partially connects slope calculation with rate of change and *m* in equation)	• uses planning and processing skills with considerable effectiveness (e.g., connects various slope calculations with rate of change and *m* in equation)	• uses planning and processing skills with a high degree of effectiveness (e.g., makes convincing arguments for connections, supported with justification)
Communication	• expresses and organizes mathematical thinking with limited effectiveness • uses mathematical vocabulary and notation with limited effectiveness (e.g., explanations have limited support and clarity)	• expresses and organizes mathematical thinking with some effectiveness • uses mathematical vocabulary and notation with some effectiveness (e.g., explanations have some support and clarity)	• expresses and organizes mathematical thinking with considerable effectiveness • uses mathematical vocabulary and notation with considerable effectiveness (e.g., explanations have considerable support and clarity)	• expresses and organizes mathematical thinking with a high degree of effectiveness • uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., explanations are well organized, and are very clear and precise)
Application	• applies knowledge to this context with limited effectiveness (e.g., makes a scatter plot, finds the line of best fit, and makes estimates with considerable errors)	• applies knowledge to this context with some effectiveness (e.g., makes a scatter plot, finds the line of best fit, and makes estimates with some errors)	• applies knowledge to this context with considerable effectiveness (e.g., makes a scatter plot, finds the line of best fit, and makes estimates with minor errors)	• applies knowledge to this context with a high degree of effectiveness (e.g., makes a scatter plot, finds the line of best fit, and makes estimates accurately)